

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Tim Keith, 324 North Road, Bedford, MA 01730

Randall Little, 73 Elm Road #6, Newtonville, MA 02460

Paul Van Eerdewegh, 25 Linden Circle, Weston, MA 02493

Josée Dupuis, 111 Fairway Drive, Newton, MA 02465

Richard Del Mastro, 31 Lakeshore Drive, Norfolk, MA 02056

Jason Simon, 1019 Summit Avenue, Westfield, NJ 07090

Kristina Allen, 11 Oliver Lane, Hopkinton, MA 01749

Sunil Pandit, 353 W Side Drive, Apt. 202, Gaithersburg, MD 20878-3028

(hereinafter referred to as ASSIGNOR(S)), has made a discovery or invention entitled:

**Novel Human Gene Relating to Respiratory Diseases, Obesity, and Inflammatory
Bowel Disease**

- ☐ for which application for Letters Patent of the United States has been executed on even date herewith,
- ☒ for which application for Letters Patent of the United States has been filed April 13, 2001, under Serial No. 09/834,597, and

WHEREAS:

Genome Therapeutics Corporation, 100 Beaver Street, Waltham, MA 02453

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for valuable consideration by ASSIGNEE to ASSIGNOR(S) , the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue or

reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, reissue and reexamination applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Signed:

(1) Tim Keith 11/9/01
Tim Keith Date

On this 9 day of November, 2001, before me came Tim Keith, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

DONNA BOUDREAU
Notary Public
My Commission Expires
June 21, 2007

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this 9 day of
November, 2001.

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

(2) Randall D. Little 11/13/01
Randall Little Date

On this 13 day of November, 2001, before me came Randall Little, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

DONNA BOUDREAU
Notary Public
My Commission Expires
June 21, 2007

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this 13 day of
November, 2001.

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

(3)

W. J.
Paul Van Eerdewegh

11/08/01
Date

On this 08 day of November, 2001, before me came Paul Van Eerdewegh, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

DONNA BOUDREAU
Notary Public
My Commission Expires
June 21, 2007

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this 8 day of November, 2001.

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

(4)

Josée Dupuis
Josée Dupuis

11/13/01
Date

On this 13 day of November, 2001, before me came Josée Dupuis, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

DONNA BOUDREAU
Notary Public
My Commission Expires
June 21, 2007

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this 13 day of November, 2001.

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

(5) Richard E. Del Mastro
Richard Del Mastro

13th November, 2001
Date

On this 13 day of November, 2001, before me came Richard Del Mastro, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

DONNA BOUDREAU
Notary Public
My Commission Expires
June 21, 2007

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this 13 day of November, 2001.

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

(6) _____
Jason Simon

Date

On this _____ day of _____, 2001, before me came Jason Simon, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this _____ day of _____, 2001.

STATE OF _____)
) ss.
COUNTY OF _____)

(7) Kristina Allen
Kristina Allen

11/7/01
Date

On this 7 day of November, 2001, before me came Kristina Allen, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

DONNA BOUDREAU
Notary Public
My Commission Expires
June 21, 2007

DONNA BOUDREAU
Notary Public
My Commission Expires
June 21, 2007

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this _____ day of _____, 2001.

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

(8) _____
Sunil Pandit

Date

On this _____ day of _____, 2001, before me came Sunil Pandit, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

Notary Public

IN WITNESS WHEREOF, I have hereto set my hand and seal this _____ day of _____, 2001.

STATE OF _____)
) ss.
COUNTY OF _____)